Recent Additions and Ongoing Features of the Indiana Geological Survey's Online Petroleum Database Management System (PDMS)

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There's no place like home...

CHAPTER 1

- Help
- Well Record Tables
- Map Viewer*
- Fields and Production
- Reports

HELP!!!

PDMS Help

Second panel and it's already time for action!

Yeah, but first we need to review the code book.

Just the facts, Sir! Why don't we dive right into the data!

No way, dude! The ***PDMS Help*** *offers extensive and detailed explanations of every mysterious term. Also, all sorts of PDMS navigation secrets and methods for data mining are provided.*

CHAPTER 2

- Help
- Well Record Tables
- Map Viewer*
- Fields and Production
- Reports

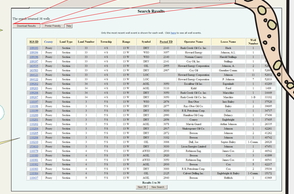
Search Party !

We're not going to get the information we need without finding a way to sift through all that data.

Calm down, Ace. The ***Search Menu*** *offers countless ways to locate your target. The search parameters work in combination, so you can search for all wells reaching a specific formation, in a specific county, drilled by a specific operator - or choose your own recipe.*

Search Menu

Search Results Page



Download Results

Printer Friendly

Clicking the blue ID number opens a **Main Well Record**.

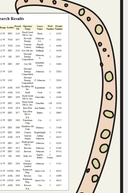
100011101001011

Select Tables for Download

If you want to use your own intergalactic software to process the well data, you can download everything from the **Well Record Tables** as ASCII text files.

Yeah, and check out that cool well list!

Printer Friendly Well List



zzzt. .. The PDMS structure for well data is actually quite simple.

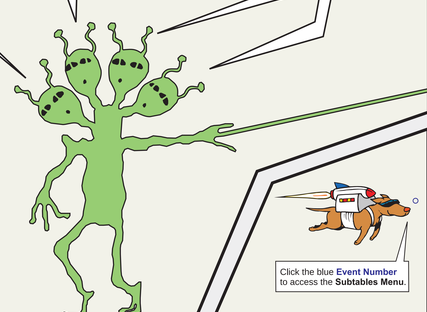
Bleep. Zarrk:

A well's history is divided into a series of "Events."In the well represented on the right, for example:

Event 1 - the well was drilled and completed as a dry hole in 1949;
Event 2 - it was reopened as a water supply well in 1966;
Event 3 - in 1982 it was deepened and converted to a water injection well;
Event 4 - in 1997 it was completed as an oil well.

The **Event Header** (one for each **Event**) contains summary information such as Operator, Lease Name, Total Depth . . .

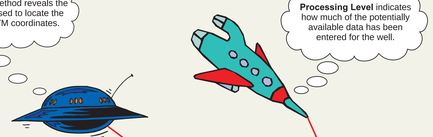
The remaining information for each **Event** is located in one or more linked subtables. Subtables containing data are indicated by red labels.



Click the blue **Event Number** to access the **Subtables Menu**.

Spotting Method reveals the method used to locate the well's UTM coordinates.

Processing Level indicates how much of the potentially available data has been entered for the well.



Main Well Record

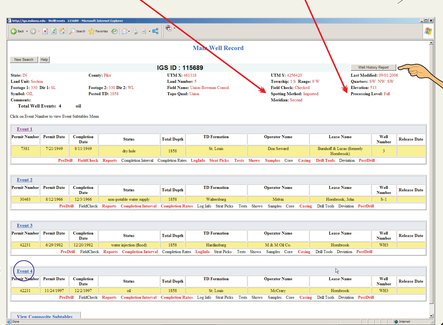
Well Header

Event 1

Event 2

Event 3

Event 4



I'm feeling a bit odd.

THE EASY WAY TO SEE ALL OF THE PDMS DATA ON A WELL IS TO SIMPLY CLICK THIS BUTTON.

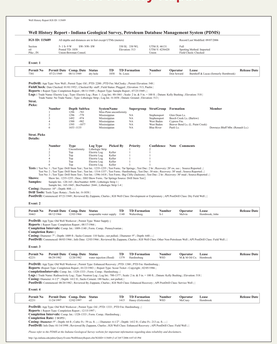
A PRINTABLE WELL RECORD REPORT IS CREATED

Follow me. You'll feel better knowing all the data fields waiting for you in the PDMS!

Don't strain your eyes trying to read this !

It's only here to show the general layout of the report.

Well History Report



Available Subtables for *Each* Well Event

PreDrill Subtable

- Application Type
- Sample Criteria
- Permit Type
- Proposed TD
- PTD Formation
- Permit Elevation

Field Check Subtable

- Date Checked
- Field Checked By
- Observed Field
- Field Status
- Elevation
- Elevation Method
- Notes

Reports Subtable

- Report ID
- Report Type
- Report Date
- Report Comments
- Scanned

Completion Interval Subtable

- Completion Interval ID
- Completion Interval Top
- Completion Interval Bottom
- Completion Formation
- Completion Interval Comments

Completion Rates Subtable

- IP Oil BOPD
- PG Gas MCFGPD
- IP Water BWPD
- IP Descriptive Treatments
- Comments

Log Info. Subtable

- Log ID
- Run Number
- Log Category
- Log Type
- Date Logged
- Log Top
- Log Bottom
- Log Scale
- Small Scale
- Log Datum
- Elev Adjustment
- Ref. Elevation
- Type Log Status

Stratigraphic Picks Subtable

- Pick Depth
- Pick TVD (Deviated Wells)
- Strat Pick
- Pick Type
- Log ID
- Log Type
- Picked By
- Pick SubSea
- Priority
- Confidence
- Pick Note
- Comments

Tests Subtable

- Test Number
- Test Type
- Test Date
- Test Top
- Test Bottom
- Formation
- Duration
- Recovery
- ICIP (PPI)
- FCIP (PPI)
- Source
- Comments

Shows Subtable

- Show Top
- Show Bottom
- Show Description
- Show Formation
- Show Source
- Comments

Samples Subtable

- Sample Top
- Sample Bottom
- Box Number
- Received Date
- Comments
- Lith Numbers

Core Subtable

- File Number
- Core Number
- Box Number
- Core Top
- Core Bottom
- Cored Formation
- Date Received
- Core Comments

Casing Subtable

- Diameter
- Casing Depth
- Sacks Cement
- Cu. Ft. Cement
- Comments

DrillTools Subtable

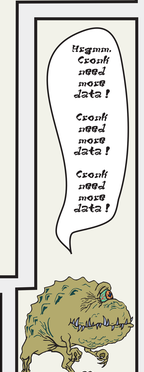
- Tools Type
- Tools Top
- Tools Bottom

Deviation Subtable

- Measured Depth
- Offset
- TVD
- X Shift
- Y Shift
- UTM X
- UTM Y
- Deviation Type
- Deviation Symbol

PostDrill Subtable

- Commenced
- Info Date
- Reviewed By
- IGS Well Class
- API Post-Drill Class
- New Field Name
- Date Reviewed



Example Table – Log Info Table for Event 1

Log Info: IGS ID 118689 Event 1

Log ID	RunNumber	Log Category	Trade Name	Log Type	Date Logged	Log Top	Log Bottom	Log Scale	Small Scale	Log Datum	Elev Adjustment
96	1	Geophysical	Electric Log	Electric Log	7/24/1949	80	1861	2 in. & 5 in. = 100 ft.	Yes	Kelly Bushing	5
156		Physical	No Trade Name	Lithologic Strip	5/25/1949	0	1858		No	Ground	0